

PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date

Ayesha J. Shaikh

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/612,822

Confirmation No. : 3901

Applicant : Mark A. Moehring

Filed : July 1, 2003

Attorney Docket No.: 500580.08

Art Unit : 3737

Customer No. : 27,076

Examiner : Ali M. Imam

Title : DOPPLER ULTRASOUND METHOD AND APPARATUS FOR MONITORING
BLOOD FLOW

TERMINAL DISCLAIMER

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, Kimton N. Eng, represent that I am the attorney of record for the above-identified application. Spentech, Inc. ("Spentech"), a corporation of the State of Washington having a place of business at 701 16th Avenue, Seattle, Washington 98122, is the assignee and owner of the entire 100 percent interest in the instant application. Documentary evidence of chain of title from the original owner to Spentech has been filed with and recorded by the United States Patent Office at Reel 9754, Frame 0647.

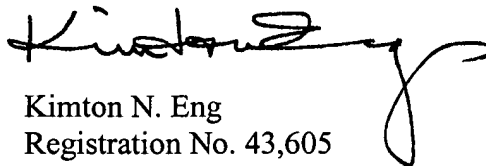
Spentech hereby disclaims the terminal part of any patent granted on the above-identified application which would extend beyond the expiration date of U.S. Patent No. 6,616,611 entitled "DOPPLER ULTRASOUND METHOD AND APPARATUS FOR MONITORING BLOOD FLOW", and hereby agrees that any patent so granted on the above-identified application shall be enforceable only for and during such period as legal title thereto and to U.S. Patent No. 6,616,611 is commonly owned. This agreement is to run with any

patent granted on the above-identified application and is to be binding upon the grantee, its successors and assigns.

No disclaimer is made for any terminal part of any patent granted on the above-identified application prior to the expiration date of the full statutory term as presently shortened by any terminal disclaimer of U.S. Patent No. 6,616,611 in the event that it later expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 C.F.R. § 1.321(a), has all claims canceled by a re-examination certificate, or is otherwise terminated prior to the expiration of its statutory term as presently shortened by any terminal disclaimer, except for the separation of legal title stated above.

The undersigned represents that he is an attorney of record for Spentech and has the authority to execute this document on behalf of Spentech. The undersigned further declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that the making of willfully false statements and the like is punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and may jeopardize the validity of any patent issuing from this patent application.

Respectfully submitted,
DORSEY & WHITNEY LLP



Kimton N. Eng
Registration No. 43,605

KNE:ajs

Enclosures:

Postcard

Check

Fee Transmittal Sheet (+ sheet)

Response

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Effective on 12/08/04

FEE TRANSMITTAL SHEET (FY 2005)

☐ Applicant claims small entity status (see 37 C.F.R. 1.27)

METHOD OF PAYMENT (Check One)

☒ The Director is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No. **50-1266**; Deposit Account Name: **DORSEY & WHITNEY LLP**.

☒ Check Enclosed.

Extra Claim Fees

Current Claims	Prior	Extra	Fee	Fee Paid
Total 47	- 47	= 0	x \$	= \$ 0
Ind. 5	- 5	= 0	x \$	= \$ 0
Multiple Dependent Claims			x \$	= \$
Subtotal (Extra Claims)				\$ 0

Petition Fee Under 37 CFR 1.17(f), (g), & (h)

Enclosed is a Petition filed under 37 CFR as indicated below:

☐ Petition Fee under 37 CFR 1.17(f) **Fee \$400**

- § 1.53(e) to accord a filing date.
 § 1.57(a) to accord a filing date.
 § 1.182 for decision on a question not provided for.
 § 1.183 to suspend the rules.
 § 1.378(e) for reconsideration of decision on petition refusing delayed payment of maintenance fee in expired patent.
 § 1.174(b) to accord a filing date to an application under § 1.740 for extension of patent term.

☐ Petition Fee under 37 CFR 1.17(g) **Fee \$200**

- § 1.12 for access to an assignment record.
 § 1.14 for access to an application.
 § 1.47 for filing by other than all inventors or person not the inventor.
 § 1.59 for expungement of information.
 § 1.103(a) to suspend action in an application.
 § 1.136(b) for review of a request for ext. of time when § 1.136(a) not avail.
 § 1.295 for review of refusal to publish a statutory invention registration.
 § 1.296 to withdraw a req. for pub. after notice of intent to publish issued.
 § 1.377 for review of decision refusing to accept a maintenance fee filed prior to expiration of a patent.

- § 1.550(c) for request for ext. of time in *ex parte* reexam. proceedings.
 § 1.956 for request for ext. of time in *ex parte* reexam. proceedings.
 § 5.12 for expedited handling of foreign filing license.
 § 5.15 for changing the scope of a license.
 § 1.5.25 for retroactive license.

☐ Petition Fee under 37 CFR 1.17(h) **Fee \$130**

- § 1.19(g) to request documents in a form other than provided in this part.
 § 1.84 for accepting color drawings or photographs.
 § 1.91 for entry of a model or exhibit.
 § 1.102(d) to make an application special.
 § 1.138(c) to expressly abandon an application to avoid publication.
 § 1.313 to withdraw an application from issue.
 § 1.314 to defer issuance of a patent.

Complete if Known

Application No.	10/612,822
Filing Date	July 1, 2003
First Inventor	Mark A. Moehring
Group Art Unit	3737
Examiner Name	Ali M. Imam
Atty. Docket Number	500580.08

FEE CALCULATION (Continued)

3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	Fee paid
50	25	Surcharge - late provisional filing fee or cover sheet	\$
130	65	Surcharge - Late nonprovisional filing fee or oath	\$
180	180	Submission of IDS	\$
40	40	Recording each patent assignment per property (times number of properties)	\$
120	60	Extension for reply within first month	\$
450	225	Extension for reply within second month	\$
1,020	510	Extension for reply within third month	\$
1,590	795	Extension for reply within fourth month	\$
2,160	1,080	Extension for reply within fifth month	\$
790	395	Submission After Final 1.129	\$
500	250	Notice of Appeal	\$
500	250	Filing a brief in support of an appeal	\$
1,000	500	Request for oral hearing	\$
130	65	Terminal Disclaimer Fee	\$130
800	400	Design Issue Fee	\$
790	395	Request for Continued Examination (RCE)	\$
130		Request for voluntary publication or republication	\$
500	250	Petition to Revive - unavoidable	\$
1,500	750	Petition to Revive - unintentional	\$
200		Filing for patent term adjustment	\$
400		Request for reinstatement of term reduced	\$
1,120		Extension of term of patent	\$

OTHER FEE
(specify)

Subtotal (Additional Fees) **\$130**

Total Amount of Payment: **\$130**

Submitted by:

CUSTOMER NUMBER
27,076

DORSEY & WHITNEY LLP

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Name: Kimton N. Eng

Reg. No.: 43,605

Signature:



Date:

12/29/04